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                                                            GENERAL INFORMATION:
APPLICANT: Billing
APPLICANT: Cohen, N
APPLICANT: Colpitts
                                                                                                                            Sequence 16, Application US/08912276 Patent No. 6183952
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FILING DATE: 26-FEB-193
CLASSIFICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BATNHARD, Elizabeth M.
REGISTRATION NUMBER: 31,088
REFERENCE/DOCKET NUMBER: 31,651
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1070RMATION:
TELECOMMUNICATION 1071871-7306
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TITLE OF INVENTION:
TITLE OF INVENTION:
 APPLICANT:
                  APPLICANT:
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ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
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American Cyanamid Company
                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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PRY: United States
07470-8426
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RENTION: Cloning and Identification of a Two
VENTION: Component Signal Transducing Regulatory System
VENTION: Bacteroides Fragilis
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                                            Cohen, Maurice
Colpitts, Tracey L.
Friedman, Paula N.
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                                Gordon, Julian
                                                                                             Billing-Medel, Patricia
Hodges, Steven C.
                  Granados,
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                  Edward N.
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RESULT 4
PCT-US92-00282-21
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                                                                                                                                                                                        Sequence 21, Application PC/TUS9200282 GENERAL INFORMATION:
APPLICANT: OWENS, IDA S.
APPLICANT: RITTER, JOSEPH K.
TITLE OF INVENTION: THE GENETIC LOCUMENTIAL OF INVENTION: THEREIN.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 597:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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PRIOR APPLICATION NUMBER:
                                                                                                                                                      CORRESPONDENCE ADDRESS:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                        NUMBER OF SEQUENCES:
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                    COUNTRY: U.S.A. ZIP: 20036-5601
                                                                                      CITY: WASHINGTON STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
nes 4; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 60064-3500
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                                                                                                                       STREET:
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                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                               5 ALVSE 9
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100 Abbott Park Road
                                                                                                                       E: CUSHMAN DARBY & CUSHMAN 1615 L STREET, N.W.
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RRUSSEl1, John C.
Stroupe, Steven D.
VENTION: REAGENTS AND METHODS USEFUL
VENTION: FOR DETECTING DISEASES OF THE BREAST
EQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Klass, Michael R. Kratochvil, Jon D.
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Pred. No.
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REFERENCE/DOCKET NUMBER: 91:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-861-3000
                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
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LENGTH: 44 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
                            CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                  COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: protein
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ATTORNEY/AGENT INFORMATION:
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                                                                                                        SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: REAGENTS AND METHODS USEFUL TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
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FILING DATE:
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                        OPERATING SYSTEM:
                                                                                                                                                        COMPUTER:
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                                                                           FILING DATE:
                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                                                                                                            3: Abbott Laboratories 100 Abbott Park Road
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Russell, John C.
Stroupe, Steven D.
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Klass, Michael R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Colpitts, Tracey L. Friedman, Paula N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Billing-Medel, Patricia
                                                                                                                                                  IBM Compatible
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"PER: 91532-PCT
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                                                                                           US/08/912,276
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Pred. No.
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Query Match
Best Local Similarity
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; MOLECULE TYPE: No. 6183952e
US-08-912-276-23
US-08-821-451A-4
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                                                                                                 TELEPHONE: 201-994-174
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                         REFERENCE/DOCKET NUMBER: 32
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                           APPLICATION NUMBER: 60/014,724
FILING DATE: WARCh 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Becker, Cheryl L
REGISTON NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 59
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/8
FILING DATE: March 21, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jian Ni, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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MEDIUM TYPE: 3.5 INC
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CORRESPONDENCE ADDRESS:
              TOPOLOGY: LINEAR MOLECULE TYPE: PROTEIN
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CITY: ROSELAND
                                                STRANDEDNESS:
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SOFTWARE: WORD PERFECT 5.1
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STRANDEDNESS: sir
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ZIP: 07068
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                                                                    AMINO ACID
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                                                                                      90 AMINO ACIDS
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Human Endometrial Specific St
Binding Factor I, II and III
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80.0%;
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    Mismatches

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Pred. No.
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RESULT 8
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US-09-263-810-4
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GENERAL INFORMATION:
APPLICANT: Billing.
APPLICANT: Cohen, k
APPLICANT: Colpitts
APPLICANT: Friedmar
APPLICANT: Gordon,
                                                                                         Sequence 15, Application US/08912276 Patent No. 6183952
                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                         Query Match
Best Local :
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INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 32
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION NUMBER:
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MEDIUM TYPE: 3.5 INCH DISKETTE
                                                                                                                                                                                 26 ALVSE 30
                                                                                                                                                                                                                                                                                                                                                          TYPE: AMINO ACID
STRANDEDNESS:
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STATE: NEW JERSEY
                                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33,073
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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             Cohen, Maurice
Colpitts, Tracey L.
Friedman, Paula N.
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   Gordon, Julian
                                                            Billing-Medel, Patricia A.
                                                                                                                                                                                                                                           Conservative
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1; Mismatches 0;
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                                                                                                                                                                                                                                           Mismatches
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US-09-583-169-4
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; TOPOLOGY: lin
; MOLECULE TYPE:
US-08-912-276-15
                                                                                                                                                                                            Sequence 4, Application US/09583169 Patent No. 6338948
                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                             ADDRESSEE: CECCHI, STATE OF THE PROPERTY 6 BECKER FARM ROAD
                                                                                                                            APPLICANT: Jian Ni, TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 59:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stroupe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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 COUNTRY: UZIP: 07068
                                                                                                                                                                                                                                                                                   26 ALVSE 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 847/938-2623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Becker, Cheryl L
REGISTRATION NUMBER: 35,441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER:
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ZIP: 60064-3500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                 1 AMVSE 5
                                                                                                                                                                                                                                                                                                                                            Similarity 4; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               90 amino acids
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                USA
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                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Granados, Edward N.
                                                                        CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI, STEWART & OLSTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                    No. 6183952e
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                                                                                                                               Guo-Liang Yu and Reiner Gentz
Human Endometrial Specific Steroid-
Binding Factor I, II and III
                                                                                                                                                                                                                                                                                                                                                            86.4%;
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Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                              Mismatches
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Gaps

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RESULT 10
US-08-568-459A-14
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US-09-583-169-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Application US/08568459A Patent No. 5849306
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                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/568,459A
FILING DATE: 07-DEC-1995
CLASSIFICATION: 435
TELECOMMUNICATION INFORMATION:
                                                                                                                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Peterson, David S. APPLICANT: Su, Xin-zhaun APPLICANT: Wellems, Thomas E. TITTE OF THE PROPERTY OF 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Sim, Kim L.
APPLICANT: Chitnis, Chetan
APPLICANT: Miller, Louis H.
APPLICANT: Peterson, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 201-994-1700
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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CURRENT APPLICATION DATA:
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                                                        NAME: Israelsen, Ned
REGISTRATION NUMBER: 29,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Newport Beach
STATE: California
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TELEPHONE: ZUL J.
TELEPHONE: ZUL J.
TEN TO NO:
                                        REFERENCE/DOCKET NUMBER:
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REGISTRATION NUMBER: 33,073
REFERENCE/DOCKET NUMBER: 32
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Knobbe Martens Olson & Bear 620 Newport Center Drive 16th Floor
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Pred. No. 1.6e
1; Mismatches
                                    NIH121.001CP1
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No. 5993827
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APPLICANT: Sim, K
                                                                                                                                                TELEFAX: (619) 235-0176 INFORMATION FOR SEQ ID NO: :
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                                                                                                                                                                         REFERENCE/DOCKET NUMBER: NITELECOMMUNICATION INFORMATION: (619) 235-8550
                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                        MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                  SEQUENCE CHARACTERISTICS: LENGTH: 271 amino acid
                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                             ANTI-SENSE:
                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Su, Xin-zhaun

APPLICANT: Wellems, Thomas E.

TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX

TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
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                                                                        TOPOLOGY:
                                                                                    TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                        NAME: Israelsen, Ned REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE: 10-SE
                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
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STRANDEDNESS: si
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Newport Beach
: California
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                                                                                                                 271 amino acids
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Miller, Louis H
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sim, Kim L.
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                                                                      linear
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                                           NO NO
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            internal
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Pred. No. 5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 16th Floor
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GENERAL INFORMATION:

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RESULT 13
US-09-370-700-13
; Sequence 13, Application US/09370700
; Patent No. 6274350
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US-09-036-987A-13
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                                                                                                     밁
                                                                                                                                                                                                                                                     ; MOLECULE TYPE: protein US-09-036-987A-13
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                                                                                                                                                                       Matches
                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Treadway, Patti J.
APPLICANT: Turner, Jan R.
APPLICANT: Waldron, Clive
TITLE OF INVENTION: Biosynthetic
TITLE OF INVENTION: Production
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                    TELEFAX: (317)337-4847
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (317)337-4816
                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stuart, Donald R
REGISTRATION NUMBER: 28,479
REFERENCE/DOCKET NUMBER: 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNBER: US/09/036,987A
FILING DATE: 09-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                     184 ALVSE 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Dow AgroSciences LLC Patent Department STREET: 9330 Zionsville Road CITY: Indianapolis
                                                                                                                                                                                                                                                                                                    TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 AMVSE 5
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                                                                                                                                  1 AMVSE 5
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                                                                                                                                                                     4; Conservative
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Crawford, Kathryn P.
Madduri, Krishnamurthy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Baltz, Richard H.
                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                 86.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Biosynthetic Genes For Spinosyn Insecticide
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                                                                                                                                                                     1; Mismatches
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                                                                                                                                                                                     Score 19; DB 4;
Pred. No. 5.6e+02;
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Pred. No. 5.3e+02;
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                                                                                                                                                                       0;
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US-09-568-102-22
; Sequence 22, Appli.
; Patent No. 6346404
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; TYPE: PRT
; ORGANISM: Saccharopolyspora spinosa
US-09-370-700-13
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US-09-335-409-22
                                                                                                                          RESULT 15
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cyr, Devon
APPLICANT: Goerlach, Joern
TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHILONES
FILE REFERENCE: 4-30582A
CURRENT EILING DATE: 1999-06-17
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 22
LENGTH: 305
TYPE: PRT
GENERAL INFORMATION:
APPLICANT: Schupp, Thomas
APPLICANT: Ligon, James
APPLICANT: Molnar, Istvan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 13
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                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Waldron, Clive
TITLE OF INVENTION: BLOSYNthetic Genes For Spinosyn Insecticide
FILE REFERENCE: 50489 DIV1
CURRENT APPLICATION NUMBER: US/09/370,700
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: US 09/36987
EARLIER FILING DATE: 1998-03-09
MUMBER OF SEQ ID NOS: 39
NUMBER OF SEQ ID NOS: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Baltz, Richard H
APPLICANT: Broughton, Mary C
APPLICANT: Crawford, Rathryn P
APPLICANT: Madduri, Krishnamurthy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Treadway, Patti J
APPLICANT: Turner, Jan R
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                                                                                        Application US/09568102
                                                                                                                                                                                                                                                        Conservative
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    Mismatches

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Pred. No. 6e+02;
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Pred. No. 5.6e+02;
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; APPLICANT: Zirkle, Ross
APPLICANT: Cyr, Devon
APPLICANT: Goerlach, Joern
TITLE OF INVENTION: GENES FOR THE BIOSYNTHESIS OF EPOTHILONES
FILE REFERENCE: 4-30582A
; CURRENT ETLICATION NUMBER: US/09/568,102
CURRENT ETLING DATE: 2000-05-10
; PRIOR APPLICATION NUMBER: 09/335,409
PRIOR APPLICATION NUMBER: 09/33
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